

# ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE ER REGULATORY CONTACT RECORD

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**Date/Time:** March 4, 2004 / 10:30 a.m.

**Site Contact(s):** DOE: Norma Castaneda  
K-H: Marcella Broussard, Lane Butler  
K-H Team: Mike Anderson, Greg Pudlik, Susan Serreze

**Phone:** 303/966-2677 (Susan Serreze)

**Regulatory Contact:** See Attendees below  
**Phone:** 303/692-2035-CDPHE  
303/312-6312-EPA  
303/966-4226-DOE

**Agency:** CDPHE: Dave Kruchek, Elizabeth Pottorff,  
Carl Spreng, Harlen Ainscough  
EPA: Gary Kleeman

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**Purpose of Contact:** Comment Resolution Meeting For Draft IASAP Addendum for IHSS Group 700-11, Pond C-1 NFAA Justification, Jeb Love Report Sampling, 700 Area Sampling, IABZSAP Response to Comments, and Radionuclide Sum of Ratios

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## **Discussion**

See meeting minutes below

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**Contact Record Prepared By:** Susan Serreze

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## **I. Attendees**

CDPHE: Harlen Ainscough, Dave Kruchek, Elizabeth Pottorff, Carl Spreng  
EPA: Gary Kleeman  
DOE: Norma Castaneda  
K-H: Marcella Broussard, Lane Butler  
K-H Team: Mike Anderson, Greg Pudlik, Susan Serreze

## **II. Report Status**

Upcoming reports include Draft Closeout Report for IHSS Group 900-1; Draft Closeout Report for IHSS Group 400-8; draft IASAP Addendum for IHSS Group 400-4; ER RSOP Notification for Ponds B-1, B-2, and B-3; ER RSOP Notification for IHSS Group 000-4; and draft IHSS Group 600-3 Data Summary.

Additionally, the preliminary review draft of the 900-11 IM/IRA and the Draft Final Fate and Transport Modeling Report were handed out.

### III. Issues

Radionuclide sum of ratio calculations were discussed. A draft Regulatory Contact Record was handed out that explains the process. Radionuclide SORs will be calculated for surface soil (0.0 – 3.0 feet) only. The SOR will be calculated for deeper soil intervals on a case-by-case basis where special circumstances are indicated (for example: high erosion areas).

### IV. Specific Comments

#### **Draft IASAP Addendum for IHSS Group 700-11**

The following resolutions were agreed to:

1. Additional text will be added to the introduction to explain that IHSS 139.1(N)(b) was characterized as part of IHSS Group 700-4.
2. All existing data will be plotted on Figure 2 and used to determine whether proposed sampling locations are appropriate.
3. Nitrates were evaluated, southeast of Building 774, as part of IHSS Group 700-4. Additionally, all existing data will be plotted on Figure 2 and used to determine whether additional nitrate sampling locations are appropriate.
4. Existing sampling locations will be shown either on Figure 2 as an inset or on a separate map at a different scale.
5. IHSS Group 700-5 has not yet been sampled. All existing data will be plotted on Figure 2 and used to determine whether proposed sampling locations are appropriate.
6. Beryllium is not a COC in this area. Samples will be analyzed on site using XRF techniques. Offsite laboratory verification analyses will be used to determine if beryllium is present.
7. Two samples will be collected from under the IHSS 139.1(N)(a) pad, and two samples will be collected off the pad immediately downgradient of the concrete, when confirmation samples are collected.

#### **Pond C-1 NFAA Justification**

The following resolutions were agreed to:

1. EPA may provide additional comments next week.
2. The reference to the Ecological Risk Assessment Site Conceptual Model and Ecological Chemicals of Concern Screening Methodology (DOE 1997) will be deleted. Ecological concerns will be addressed through the Accelerated Action Ecological Screening Evaluation (AAESE).

3. DOE will evaluate data to determine how thick the sediment in the pond is and whether the current samples are in sediment or native soil.
4. The text in SSRS Screen 4 will be revised to better explain the erosion potential at Pond C-1.
5. SSRS Screen 5 will be removed. Ecological concerns will be addressed through the AAESE.
6. The sample symbol will be added to the "explanation".

### **700 Area Sampling**

The following resolutions were agreed to:

1. CDPHE and EPA agreed that the proposed sampling was adequate. Care will be taken to relocate sampling locations if the area has been disturbed.
2. The A and B intervals will be sampled and analyzed for radionuclides.
3. The proposed sampling locations will be added to IASAP Addendum #IA-03-11. Data from these sampling locations will be included in the IHSS Group 000-2 closeout report.

### **Jeb Love Report Sampling**

1. DOE will send the document describing the disposition of the sites to EPA and CDPHE.
2. The Agencies will provide a joint letter to DOE indicating that all issues have been addressed and are closed.

### **IABZSAP Response to Comments**

1. The Response to Comments was distributed, and select responses were discussed. CDPHE and EPA agreed to review and respond if they have any questions or concerns. DOE will finalize the document and submit for approval.

### **V. Meetings**

The next meeting is scheduled for Thursday, March 11, 2004 at 10:00 AM.

#### **Required Distribution:**

M. Aguilar, USEPA  
S. Bell, DOE-RFFO  
J. Berardini, K-H  
B. Birk, DOE-RFFO  
L. Brooks, K-H ESS  
M. Broussard, K-H RISS  
L. Butler, K-H RISS  
G. Carnival, K-H RISS

R. McCallister, DOE-RFFO  
J. Mead, K-H ESS  
S. Nesta, K-H RISS  
L. Norland, K-H RISS  
K. North, K-H ESS  
E. Pottorff, CDPHE  
A. Primrose, K-H RISS  
R. Schassburger, DOE-RFFO

#### **Additional Distribution:**

H. Ainscough, CDPHE  
J. Walstrom, K-H RISS  
G. Pudlik, K-H RISS  
N. Demos, K-H RISS  
M. Anderson, K-H RISS  
D. Reeder, K-H RISS  
R. Koehler, K-H RISS  
M. Ammidown, K-H RISS

N. Castaneda, DOE-RFFO  
C. Deck, K-H Legal  
S. Gunderson, CDPHE  
M. Keating, K-H RISS  
G. Kleeman, USEPA  
D. Kruchek, CDPHE  
D. Mayo, K-H RISS

S. Serreze, K-H RISS  
D. Shelton, K-H ESS  
C. Spreng, CDPHE  
S. Surovchak, DOE-RFFO  
K. Wiemelt, K-H RISS  
C. Zahm, K-H Legal

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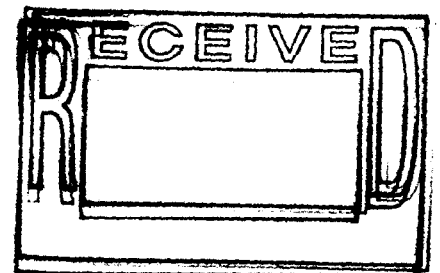
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